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1	5 :	(Original)	The power control system of claim 4, wherein the adjustable					
2	buck voltage converter reduces supply current to the power amplifier until saturation of the							
3	power ampli	power amplifier is detected.						
1	6.	(Original)	The power control system of claim 1, wherein the secondary					
2	control signa	control signal is used to control the variable attenuator to reduce attenuation in the first						
.3	power contro	power control loop, and further comprising:						
4	an ad	an adjustable buck voltage converter responsive to the secondary control signal, the						
5	adjustable by	adjustable buck voltage converter configured to reduce the power supplied to the power						
6	amplifier in	amplifier in response to the secondary control signal until saturation of the power amplifier						
7	is detected.	is detected.						
1	7.	(Currently ar	nended) A method for operating a power control loop for a					
2	power amplifier, comprising:							
3	measuring a power level of a signal output from the power amplifier;							
4	generating an error signal by comparing the power level of the signal output from the							
5	power amplifier to a first reference signal;							
6	generating a primary control signal responsive to the error signal in a primary control							
7	loop; and		· •					
8	đerivi	deriving a secondary control signal responsive to the error signal and a second						
9	reference signal, and							
	epplied	to the	signal output from the amplifier.	,				
ı	8.	(Original)	The method of claim 7, further comprising:	٤				
2	using	the secondary	control signal to control a gain applied to the signal output from	•				
3	the power am	plifier.						
			7	N				
1	9.	(Original)	The method of claim, 8, wherein the gain applied to the signal	8				
2 .	output from the power amplifier is controlled by a variable attenuator, the variable attenuator							
3	configured to receive the signal output from the power amplifier.							

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1	10. (Original) The method of claim 7, further comprising:						
2	using the secondary control signal to control an adjustable buck voltage converter,						
3	the adjustable buck voltage converter configured to provide a supply current to the power						
4	amplifier.						
1	11. (Original) The method of claim 10, wherein the adjustable buck voltage						
2	converter reduces supply current to the power amplifier, until saturation of the power						
3	amplifier is detected.						
1	12. (Original) The method of claim 7, further comprising:						
2	using the secondary control signal to control a gain applied to the signal output from						
3	the power amplifier; and						
4	using the secondary control signal to control an adjustable buck voltage converter,						
5	the adjustable buck voltage converter configured to provide a supply current to the power						
6	amplifier, wherein the adjustable buck voltage converter reduces supply current to the power						
7	amplifier until saturation of the power amplifier is detected.						
1.	13. (Currently amended) A system for operating a power control loop for a						
2	power amplifier, comprising:						
3	means for measuring a power level of a signal output from the power amplifier;						
4	means for generating an error signal by comparing the power level of the signal						
5	output from the power amplifier to a first reference signal;						
6	means for generating a primary control signal responsive to the error signal in a						
7	primary control loop; and						
8	means for deriving a secondary control signal responsive to the error signal and a						
9							
•	mems for using the sewndary watro' signal to control						
1	a gain applied to the expend output from the amplifier. New 14. (Original) The system of claim 13, further comprising:						
2	means for using the secondary control signal to control a gain applied to the signal						
3	all but from the power amplifier						

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	15.	(Original)	The system of claim 14, wherein the gain applied to the signal	
	output from	the power am	plifier is controlled by a variable attenuator means, the variable	
attenuator means for receiving the signal output from the power amplifier.				

16. (Original) The system of claim 13, further comprising:

means for using the secondary control signal to control an adjustable buck voltage converter means, the adjustable buck voltage converter means for providing a supply current to the power amplifier.

- 17. (Original) The system of claim 16, wherein the adjustable buck voltage converter means reduces supply current to the power amplifier until saturation of the power amplifier is detected.
 - 18. (Original) The system of claim 13, further comprising:

means for using the secondary control signal to control a gain applied to the signal output from the power amplifier; and

means for using the secondary control signal to control an adjustable buck voltage converter means, the adjustable buck voltage converter means for providing a supply current to the power amplifier, wherein the adjustable buck voltage converter means reduces supply current to the power amplifier until saturation of the power amplifier is detected.